INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/981,433
Filing Date	October 17, 2001
First Named Inventor	Farris et al.
Art Unit	2131
Examiner Name	Not Yet Assigned
Attorney Docket	72291

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Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2]	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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Examiner Signature	HoSuk SoNG	Date Considered	11/3/04

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), publisher, city and/or country where published	T[2]
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HS		FR 2 606 232	05-06-1988	Patrick		

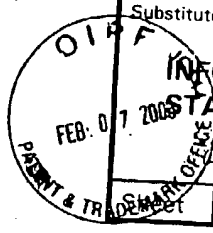| Examiner Signature	HoSuk Song	Date Considered	11/3/04

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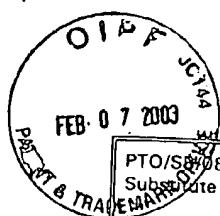
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Examiner Signature	Hosuk Song	Date Considered	11/3/04

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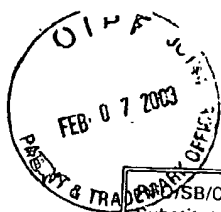|	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*			First Named Inventor	Farris et al.
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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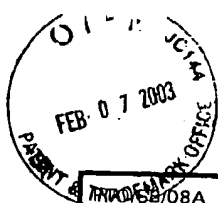
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HS		ElGamal, Taher. *A Subexponential Time Algorithm for Computing Discrete Logarithms*, pp. 473-481, IEEE, Transactions on Information Theory, Vol. IT-31, No. 4, (July 1985)	
HS		Feistel, Horst. *Cryptography and Computer Privacy*, pp. 15-23, Scientific American, Vol. 228, No. 5, (May 1973)	
HS		Feistel, Horst, Notz, Wm. A. and Smith, J. Lynn. *Some Cryptographic Techniques for Machine-to-Machine Data Communications*, pp. 1545-1554, Proceedings of the IEEE, Vol. 63, No. 11, (November 1975)	
HS		Fenzl, H. and Kliner, A. *Electronic Lock System: Convenient and Safe*, pp. 150-153, Siemens Components XXI, No. 4, (1987)	
HS		Fischer, Elliot. *Uncaging the Hagelin Cryptograph*, pp. 89-92, Cryptologia, Vol. 7, No. 1, (January 1983)	
HS		Fragano, Maurizio. *Solid State Key/Lock Security System*, pp. 604-607, IEEE Transactions on Consumer Electronics, Vol. CE-30, No. 4, (November 1984)	
HS		Godlewski, Ph. and Camion, P. *Manipulations and Errors, Detection and Localization*, pp. 97-106, Proceedings of Eurocrypt 88, (1988)	
HS		Greenlee, B. M., *Requirements for Key Management Protocols in the Wholesale Financial Services Industry*, pp. 22-28, IEEE Communications Magazine, (September 1985)	
HS		Guillou, Louis C. *Smart Cards and Conditional Access*, pp. 481-489, Proceedings of Eurocrypt, (1984)	

Examiner Signature	Hosuk Song	Date Considered	11/3/04

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/681,433
Filing Date	October 17, 2001
First Named Inventor	Farris et al.
Art Unit	2131
Examiner Name	Not Yet Assigned

Sheet	11	of	19	Attorney Docket	72291

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2]	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
HS		US-4,737,770	04-12-1988	Brunius et al.	
HS		US-4,740,792	04-26-1988	Sagey et al.	
HS		US-4,750,118	06-07-1988	Heitschel et al.	
HS		US-4,754,225	06-28-1988	Sanders et al.	
HS		US-4,755,255	07-05-1988	Pezzolo et al.	
HS		US-4,758,835	07-19-1988	Rathmann et al.	
HS		US-4,761,808	08-02-1988	Howard	
HS		US-4,779,090	10-18-1988	Micznik et al.	
HS		US-4,794,268	12-27-1988	Nakano et al.	
HS		US-4,794,622	12-27-1988	Isaacman et al.	
HS		US-4,796,181	01-03-1989	Wiedemer	
HS		US-4,799,061	01-17-1989	Abraham et al.	
HS		US-4,800,590	01-24-1989	Vaughn	
HS		US-4,802,114	01-31-1989	Sogame	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5]	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[6]

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[3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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HS		Guillou, Louis C. and Quisquater, Jean-Jacques. *A Practical Zero-Knowledge Protocol Fitted to Security Microprocessor Minimizing Both Transmission and Memory*, pp. 123-128, Advances in Cryptology - Eurocrypt 88, (1988)	
HS		Habermann, A. Nico. *Synchronization of Communicating Processes*, pp. 171-176, Communications, (March 1972)	
HS		*Hagelin C-35/C-36, The*, p. 1, (Undated). http://hem.passagen.se/tan01/C-35.HTML	
HS		*ISO 8732: 1988(E): Banking Key Management (Wholesale) Annex D: Windows and Windows Management*, (November 1988)	
HS		Jones, Anita K. *Protection Mechanisms and The Enforcement of Security Policies*, pp. 228-251, Carnegie-Mellon University, Pittsburgh, PA, (1978)	
HS		Jueneman, R. R., et al. *Message Authentication*, pp. 29-40, IEEE Communications Magazine, Vol. 23, No. 9, (September 1985)	
HS		Kahn, Robert E. *The Organization of Computer Resources Into A Packet Radio Network*, pp. 177-186, National Computer Conference, (1975)	
HS		Keeloq® Code Hopping Decoder, HCS500, pp. 1-25, 1997 Microchip Technology, Inc.	
HS		Keeloq® Code Hopping Encoder, HCS300, pp. 1-20, 1996 Microchip Technology, Inc.	

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HS		Keeloq® NTQ 105 Code Hopping Encoder, pp. 1-8, Nanoteq (Pty.) Ltd., (July 1993).	
HS		Keeloq® NTQ 115 Code Hopping Decoder, pp. 1-8, Nanoteq (Pty.) Ltd., (July 1993).	
HS		Keeloq® NTQ 125D Code Hopping Decoder, pp. 1-9, Nanoteq (pty.) Ltd., (July 1993).	
HS		Kent, Stephen T. *A Comparison of Some Aspects of Public-Key and Conventional Cryptosystems*, pp. 4.3.1-5, ICC '79 Int. Conf. on Communications, Boston, MA, (June 1979).	
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HS		Kent, Stephen T. Encryption-Based Protection Protocols for Interactive User-Computer Communication, pp. 1-121, (May 1976). (See pp. 50-53).	
HS		Kent, Stephen T. Protocol Design Consideration for Network Security, pp. 239-259, Proc. NATO Advanced Study Institute on Interlinking of Computer Networks, (1979).	
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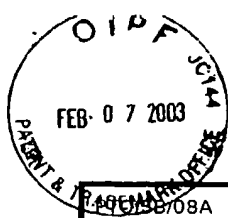
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HS		Kent, Stephen T. Security Requirements and Protocols for a Broadcast Scenario, pp. 778-86, IEEE Transactions on Communications, Vol. com-29, No. 6, (June 1981).	
HS		Konheim, A.G. Cryptography: A Primer, pp 285-347, New York, (John Wiley, 1981)	
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HS		Kuhn. G.J. Algorithms for Self-Synchronizing Ciphers, pp. 159-164, Comsig 88, University of Pretoria, Pretoria, (1988).	
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HS		Lamport, Leslie. The Synchronization of Independent Processes, pp. 15-34, Acta Informatica, Vol. 7, (1976).	

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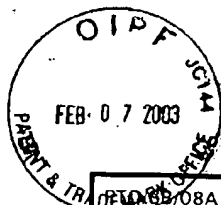
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			Filing Date	October 17, 2001
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HS		Linn, John and Kent, Stephen T. *Electronic Mail Privacy Enhancement*, pp. 40-43, American Institute of Aeronautics and Astronautics, Inc. (1986).	
HS		Lloyd, Sheelagh. *Counting Functions Satisfying a Higher Order Strict Avalanche Criterion*, pp. 63-74, (1990).	
HS		Marneweck, Kobus. *Guidelines for KeeLoq® Secure Learning Implementation*, TB007, pp. 1-5, 1987 Microchip Technology, Inc.	
HS		Massey, James L. *The Difficulty with Difficulty*, pp. 1-4, (Updated). http://www.iacr.org/conferences/ec96/massey/html/framemassey.html.	
HS		McIvor, Robert. *Smart Cards*, pp. 152-159, Scientific American, Vol. 253, No. 5, (November 1985)	
HS		Meier, Willi. *Fast Correlations Attacks on Stream Ciphers* (Extended Abstract), pp. 301-314, Eurocrypt 88, IEEE, (1988).	
HS		Meyer, Carl H. and Matyas Stephen H. *Cryptography: A New Dimension in Computer Data Security*, pp. 237-249 (1982).	
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HS		Morris, Robert. *The Hagelin Cipher Machine (M-209): Reconstruction of the Internal Settings*, pp.267-289, Cryptologia, 2(3), (July 1978).	

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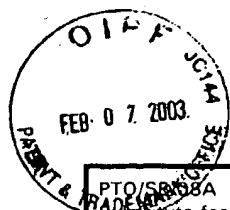
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HS		*News: Key System for Security,* p.38 (April 1982).	
HS		Niederreiter, Harald. *Keystream Sequences with a Good Linear Complexity Profile for Every Starting Point,* pp. 523-532, Proceedings of Eurocrypt 89, (1989).	
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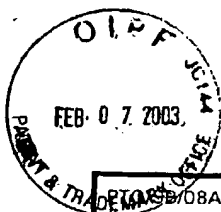
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HS		Ruffell, J. *Battery Low Indicator*, p. 15-165, Eleckton Electronics, (March 1989. (See p. 59).	
HS		*Saab Anti-Theft System: Saab's Engine Immobilizing Anti-Theft System is a Road-Block for 'Code-Grabbing' Thieves*, pp. 1-2, (Undated).	
HS		Savage. J.E. *Some Simple Self-Synchronizing Digital Data Scramblers*, pp. 449-498, The Bell System Tech. Journal, (February 1967)	
HS		Seberry, J. and Pieprzyk, *Cryptography - An Introduction to Computer Security*, (Prentice Hall of Australia, YTY LTD, 1989)	
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HS		Shamir, Adi. *Embedding cryptographic Trapdoors In Arbitrary Knapsak Systems*, pp. 81-85, IEEE Transactions on Computers, Vol C-34, No. 1, (January 1985).	
HS		Siegenthaler, T. *Decrypting a Class of Stream Ciphers Using Ciphertext Only*, pp. 81-85, IEEE Transactions on Computers, Vol. C-34, No. 1, (January 1985).	
HS		Simmons, Gustavus, J. *Message Authentication with Arbitration of Transmitter/Receiver Disputes*, pp. 151-165 (1987).	
HS		Smith. J.L. The Design of Lucifer: a Cryptographic Device for Data Communications, pp. 1-65, (April 15, 1971).	

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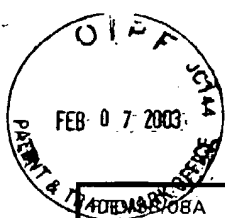
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HS		Svigals, J. *Limiting Access to Data in an Identification Card Having A Micro-Processor,* pp. 580-581, IBM: Technical Disclosure Bulletin, Vol. 27, No. 1B, (June 1984).	
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HS		Turn, Rein. *Privacy Transformations for Databank Systems,* pp. 589-601, National Computer Conference, (1973).	
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HS		Watts, Charles and Harper John. *How to Design a HiSec™ Transmitter,* pp. 1-4, National Semiconductor, (October 1994).	
HS		Weinstein, S.B. *Smart Credit Cards: The Answer to Cashless Shopping,* pp. 43-49, IEEE Spectrum, (February 1984).	

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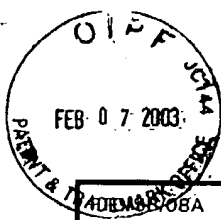
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